

# Regional High School to College Articulation Map

**Area of Study:** Trade & Technical Education

**Pathway:** Precision Production Trades

**National Career Cluster:** Welding

<b><u>Region</u></b> Southeast	<b><u>College / Institution</u></b> College of Eastern Utah
<b><u>Contact person</u></b> Geniva Brooks	<b><u>Articulation Agreement in place?</u></b> Yes * No
<b><u>Ph.#</u></b> (435) 613-5266	<b><u>Degree or Certificate</u></b> Associate of Applied Science – Welding Technology
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<b><u>Year</u></b> 2006 - 2007	

High School				College		
Course #	High School Suggested Courses	H.S. Credit	College Credits	Course #	College General Education Requirements	Credits
4162C	Introduction to Writing*^	.5	3	ENGL 1010	Introduction to Writing	3
4150C	Honors English 12*	.5	3			
4160C	Literature & Composition*	.5	3			
				MATH 1020	Trade Mathematics (or higher mathematics course)	3
					Human Relations Course	3
					Elective	3
H.S.Total (General Ed.)And Other Available Credits			6	Total College General Education Credits		12
Course CIP #	High School Career Pathway Courses (min. #? Required)	H.S. Credit	College Credits	Course #	College Major Course Requirements	Credits
Course#	Introductory Course: (preferred)	Credit				
Course#	Foundation Courses: (# ? credits required)	Credit				
48.0508	Welding*	1	7	WELD 1100	Shielded Metal Arc Welding (SMAW)	7
			3	WELD 1110	Advanced Shielded Metal Arc Welding (SMAW)	3
48.0508	Welding*	1	7	WELD 1120	Beginning Gas Metal Arc Welding (GMAW) & Flux Cored Arc Welding (FCAW)	7
			3	WELD 1130	Advanced Gas Metal Arc Welding (GMAW) & Flux Cored Arc Welding (FCAW)	3
				WELD 1140	Related Welding Processes	7
				WELD 1150	Beginning Gas Tungsten Arc Welding (GTAW)	7
				WELD 2400	Print Reading for Welders	3
				WELD 2410	Practical Fabrication and Layout	3
				WELD 2500	Weld Inspection	3

				WELD 2600	Metallurgy	3
				EDDT 1040	CAD Level I: Introduction to CAD	3
				MACH 1010	Machine Tool Technology	3
<u>Course #</u>	<u>Elective Courses: (Min. # ? of credits required)</u>	<u>Credit</u>				
48.0503	Machine Tool	1				
32.0199	Student Internship (Critical Workplace Skills)	.5				
	<u>Additional Articulated Classes Below</u>					
Total High School Career Pathway Credits				Total College Major Course Credits Required		52
TOTAL Potential College Credits Earned in High School			24	TOTAL College Credits Required for Major		64

**Note:** This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering.

\*Concurrent

^Distance

Concurrent enrollment is available for Carbon High School students only at this time. Course challenge is available to all other school districts.

Last update: 10/2006